

## A.K. Equipment, Inc. Light Cost Savings Analysis

Light Fixture Installation Cost	120 ft x 140 ft Steel Building	120 ft x 140 ft Fabric Building
Number of 6 Lamp T8 Bay Lights	40	15
Cost per Fixture Including Installation Labor	\$300.00	\$300.00
Star up Cost Comparison	\$12,000.00	\$4,500.00

### A.K. Equipment, Inc. Savings on building cost \$7,500.00

#### Energy Cost Comparison, (includes bulbs ballast and maintenance cost)

Number of lights	40	15
Cost if your lights are on 12 hours a day for a year	\$ 4,000.00	\$ 1,500.00
Cost if your lights are on 24 hours a day for a year	\$ 8,000.00	\$ 3,000.00

#### Your basic cost of operating light 12 hours a day over these years without any rate increases

10 years	\$ 40,000.00	\$ 15,000.00
15 years	\$ 60,000.00	\$ 22,500.00
20 years	\$ 80,000.00	\$ 30,000.00

**With today's studies showing lights should be on 24 hours a day to help feed consumption and increased milk production.**

#### Your basic operating cost at 24/7

10 years	\$ 80,000.00	\$ 30,000.00
15 years	\$ 120,000.00	\$ 45,000.00
20 years	\$ 160,000.00	\$ 60,000.00

**20 year of energy cost and installation**

**\$ 172,000.00**

**\$ 64,500.00**

**With savings of \$ 107,500.00 just in electrical over 20 years, along with lower maintenance and health care cost and increased milk production. Why not give A.K. Equipment, Inc. your Fabric Building Specialist a chance to Design, Engineer and install, your building that incorporate these great savings.**

**Note: Costs of lights, maintenance and electricity may vary in your area**